

## PCT

## INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference  CDM/64755000	<b>FOR FURTHER ACTION</b> see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below.	
International application No.  PCT/GB 03/05263	International filing date (day/month/year)  02/12/2003	(Earliest) Priority Date (day/month/year)  02/12/2002
Applicant  SOLEXA LIMITED		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 4 sheets.

It is also accompanied by a copy of each prior art document cited in this report.

**1. Basis of the report**

a. With regard to the language, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

the international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

b. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, the international search was carried out on the basis of the sequence listing :

contained in the international application in written form.

filed together with the international application in computer readable form.

furnished subsequently to this Authority in written form.

furnished subsequently to this Authority in computer readable form.

the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.

the statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished

2.  Certain claims were found unsearchable (See Box I).

3.  Unity of invention is lacking (see Box II).

4. With regard to the title,

the text is approved as submitted by the applicant.

the text has been established by this Authority to read as follows:

5. With regard to the abstract,

the text is approved as submitted by the applicant.

the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. The figure of the drawings to be published with the abstract is Figure No.

as suggested by the applicant.

because the applicant failed to suggest a figure.

because this figure better characterizes the invention.

1

None of the figures.

# INTERNATIONAL SEARCH REPORT

International Application No

/GB 03/05263

CLASSIFICATION OF SUBJECT MATTER  
IPC 7 C12Q/68 B01J19/00

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 C12Q B01J

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, EMBASE, MEDLINE, BIOSIS

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 1 180 548 A (AGILENT TECHNOLOGIES INC) 20 February 2002 (2002-02-20) page 3, line 37 - page 7, line 12 -----	3-9, 12-18
A	PAUL C L ET AL: "Cytosine methylation: quantitation by automated genomic sequencing and GENSCAN analysis" BIOTECHNIQUES, EATON PUBLISHING, NATICK, US, vol. 21, no. 1, July 1996 (1996-07), pages 126-133, XP002143107 ISSN: 0736-6205 the whole document ----- -/-	1,2,10, 11,19-26

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

\* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed Invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed Invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*&\* document member of the same patent family

Date of the actual completion of the International search

7 April 2004

Date of mailing of the international search report

19/04/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Ulbrecht, M

**INTERNATIONAL SEARCH REPORT**

International Application No

GB 03/05263

## (Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	FEIL R ET AL: "Methylation analysis on individual chromosomes: improved protocol for bisulphite genomic sequencing" NUCLEIC ACIDS RESEARCH, OXFORD UNIVERSITY PRESS, SURREY, GB, vol. 22, no. 4, 1994, pages 695-696, XP002106413 ISSN: 0305-1048 the whole document -----	1,2,10, 11,19-26
A	WO 01/94544 A (NEW ENGLAND BIOLABS INC ; WILSON GEOFFREY G (US); KONG HUIMIN (US); SC) 13 December 2001 (2001-12-13) the whole document -----	1-26
A	US 5 874 260 A (CLEUZIAT PHILIPPE ET AL) 23 February 1999 (1999-02-23) the whole document -----	1-9,19, 20,23,24

**INTERNATIONAL SEARCH REPORT**

Information on patent family members

International Application No

GB 03/05263

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
EP 1180548	A	20-02-2002	EP	1180548 A2		20-02-2002
WO 0194544	A	13-12-2001	US	6191267 B1		20-02-2001
			EP	1303530 A2		23-04-2003
			JP	2003535584 T		02-12-2003
			WO	0194544 A2		13-12-2001
US 5874260	A	23-02-1999	FR	2726277 A1		03-05-1996
			AT	184324 T		15-09-1999
			CA	2161577 A1		29-04-1996
			DE	69512003 D1		14-10-1999
			DE	69512003 T2		25-05-2000
			DK	713922 T3		27-03-2000
			EP	0713922 A1		29-05-1996
			ES	2137468 T3		16-12-1999

**BEST AVAILABLE COPY**